IN THE CLAIMS

Please amend claims 1, 9, 13, 21, 25-27, and 43-45 as follows:

1. (Amended Three Times) A method for manufacturing a network device comprising the steps of:

obtaining a network device control software program;

obtaining a downloadable unit configured to communicate with the network device control software program for later transmission over a network to a remote client to enable the remote client to remotely configure the network device,

the downloadable unit including

a communicator component for establishing a communications channel between the remote client and the network device control software program,

an interface component for enabling a user to communicate with the downloadable unit, and

a configuration component for managing and configuring the network device or the network device control software program;

compiling the network device control software program into a binary file;

embedding the downloadable unit into the binary file; and

loading the binary file with the embedded downloadable unit onto the network device.

9. (Amended Once) The method of claim 1, wherein the network device control software program includes the operating system of the network device.

13. (Amended Four Times) A system for managing a network device from a remote client, comprising:

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a binary file of a network device control software program stored in the network device;

a downloadable unit embedded in the binary file, for managing the network device,

the downloadable unit including

a communicator component for establishing a communications channel between

the remote client and the network device control software program,

an interface component for enabling a user to communicate with the

downloadable unit, and

a configuration component for managing and configuring the network device or

the network device control software program;

and

a web server for communicating with the remote client and for transmitting the

downloadable unit to the remote client.

21. (Amended Twice) The system of claim 13, wherein the network device control
software program includes an operating system.

25. (Amended Once) The system of claim 13, wherein the network device control
software program includes an extractor for extracting the embedded downloadable unit.

26. (Amended Once) The system of claim 13, wherein the network device control
software program is currently executing on the network device.

27. (Amended Three Times) A system for manufacturing a network device comprising:

means for obtaining a network device control software program;

means for obtaining a downloadable unit configured to communicate with the network

device control software program for later transmission over a network to a remote client to

enable the remote client to remotely configure the network device,

the downloadable unit including

a communicator component for establishing a communications channel between

the remote client and the network device control software program,

an interface component for enabling a user to communicate with the

downloadable unit, and

a configuration component for managing and configuring the network device or

the network device control software program;

means for compiling the network device control software program into a binary file;

means for embedding the downloadable unit into the binary file; and

means for loading the binary file with the embedded downloadable unit onto the network

device.

43. (Amended Three Times) A system comprising:

a web server for receiving from a remote client a request to manage a network device

control software program which has a binary file with an embedded downloadable unit for

performing the request,

the downloadable unit including

a communicator component for establishing a communications channel between

the remote client and the network device control software program,

an interface component for enabling a user to communicate with the

downloadable unit, and

a configuration component for managing and configuring the network device or the network device control software program;

an extractor coupled to the web server for extracting the downloadable unit from the binary file; and

a communicator coupled to the extractor for forwarding the downloadable unit to the remote client.

44. (Amended Four Times) A method for modifying available remote device management services of a network device, comprising the steps of:

obtaining a new downloadable unit for performing a new service, the new downloadable unit including

a communicator component for establishing a communications channel between a remote client and a network device control software program,

an interface component for enabling a user to communicate with the new downloadable unit, and

a configuration component for managing and configuring the network device or the network device control software program;

retrieving the network device control software program binary file having an embedded old downloadable unit for performing an old service from the network device;

substituting the old downloadable unit with the new downloadable unit; and

loading the network device control software program binary file having the new downloadable unit onto the network device.

45. (Amended Once) The system of claim 13, wherein the network device control software program includes a list of available functions.